

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR 03/00846-0

## CLASSIFICATION OF SUBJECT MATTER

IPC<sup>7</sup>: F25B 1/10, F25B 31/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC<sup>7</sup>: F25B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, EPODOC, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 3934424 A (Goldsberry) 27 January 1976 (27.01.76) <i>the whole document.</i>	12,16 1,3,10,11,20, 26,27
X A	EP 1046869 A1 (Sanden Corp) 25 October 2000 (25.10.00) <i>abstract; fig.2.</i>	12,16 1-3, 9- 11,13,17, 20, 25-27
X A	US 5833446 A (Smith) 10 November 1998 (10.11.98) <i>fig. 9,10.</i>	12,16 1-3,10,11,13, 17,20,26,27
A	US 3759052 A (Inoue) 18 September 1973 (18.09.73) <i>the whole document.</i>	1,2,10-14,16- 18,26,27

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

„A“ document defining the general state of the art which is not considered to be of particular relevance

„E“ earlier application or patent but published on or after the international filing date

„L“ document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

„O“ document referring to an oral disclosure, use, exhibition or other means

„P“ document published prior to the international filing date but later than the priority date claimed

„T“ later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

„X“ document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

„Y“ document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

„&“ document member of the same patent family

Date of the actual completion of the international search

14 August 2003 (14.08.2003)

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12 September 2003 (12.09.2003)

Name and mailing address of the ISA/AT

Austrian Patent Office

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR 03/00846-0

Patent document cited in search report			Publication date	Patent family member(s)		Publication date	
EP	A1	1046869	25-10-2000	none			
US	A	3759052	18-09-1973	none			
US	A	3934424	27-01-1976	US	A	3864065	04-02-1975
US	A	5833446	10-11-1998	US	A	3932159	13-01-1976
				DE	C0	69628406	03-07-2003
				EP	A2	787891	06-08-1997
				EP	A3	787891	04-08-1999
				EP	B1	787891	28-05-2003
				GB	A0	9602191	03-04-1996
				GB	A1	2309748	06-08-1997
				GB	B2	2309748	04-08-1999
				WO	A1	9728354	07-08-1997